



CONSTRUCTION ENGINEERING BRANCH ELECTRICAL SECTION

Provide electrical technical support to
all LANTDIV field offices



TECHNICAL SERVICES

- * Power Generation Systems
- * National Electrical Code (NEC)
- * Grounding
- * Harmonics
- * Fiber Optics
- * Change Orders
- * Deviations



POWER GENERATION SYSTEMS

- * Prime Power
- * Emergency Power
- * Peak Shaving



CRADLE TO GRAVE SUPPORT FOR POWER GENERATION SYSTEMS

Design Phase

- * Meet with user to discuss criteria
- * Review design documents
- * Provide guidance to design firm

Construction Phase

- * Pre-construction conference
- * Pre-submittal meeting
- * Review submittals
- * On-site inspection
- * Factory Testing
- * Field Testing



NATIONAL ELECTRICAL CODE (NEC)

- * Interpretation
- * CEI versus US standards



GROUNDING

- * Proper Application
- * Proper Sizes
- * Resistance Measurements



HARMONICS

- * Measurement
- * Sources
- * Reduction Techniques



FIBER OPTICS

- * Proper Application
- * Witness Field Testing



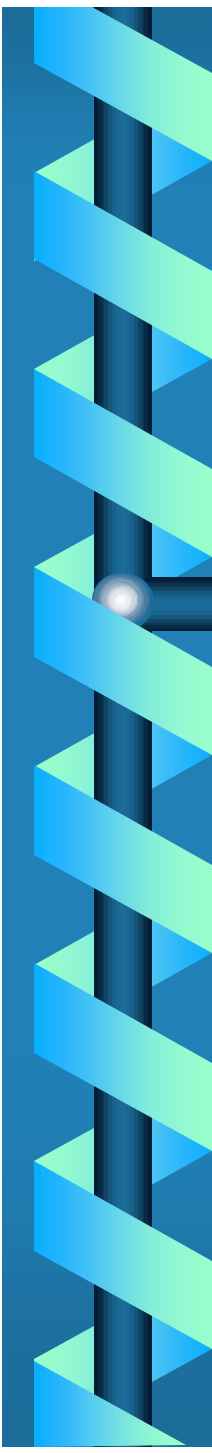
CHANGE ORDERS

- * Review Contractor's Proposal
- * Government's Pre-Negotiation Position
- * Assist in Negotiations



DEVIATIONS

- * Review and Recommendations



CONSTRUCTION ENGINEERING BRANCH ELECTRICAL SECTION POINTS OF CONTACT

Ellery Hooper, Code 052A

757-322-8415

e-mail - hooperee@efdlant.navfac.navy.mil

Bill Webb, Code 0522

757-322-8420

e-mail - webbwe@efdant.navfac.navy.mil